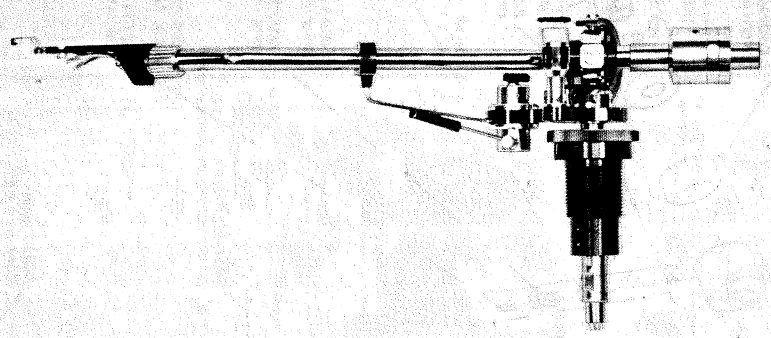
PUA-1500L/S



SPECIFICATIONS

	PUA-1500L	PUA-1500S
Arm length:	374.3 mm	327.0 mm
Pivot to stylus length:	286 mm	237 mm
Cartridge offset angle:	18°39′	22°13′
Tracking error:	1°24′	1°44′
Overhang:	13 mm	15 mm
Net weight:	0.50 kg	0.47 kg
Shipping weight:	0.99 kg	0.96 kg
Stylus force adjustment range:	0 to 3 grams (with click-stop 0.5 gram increments)	
Anti-skating force adjustment range:	0 to 3 g (0.5 g increments)	
Height adjustment range:	27 to 60 mm	
Cartridge weight range:	3.5 to 20 g **Note:** For 14 to 20 g, subweight should be attached.	
Shell head weight:	10.5 g	

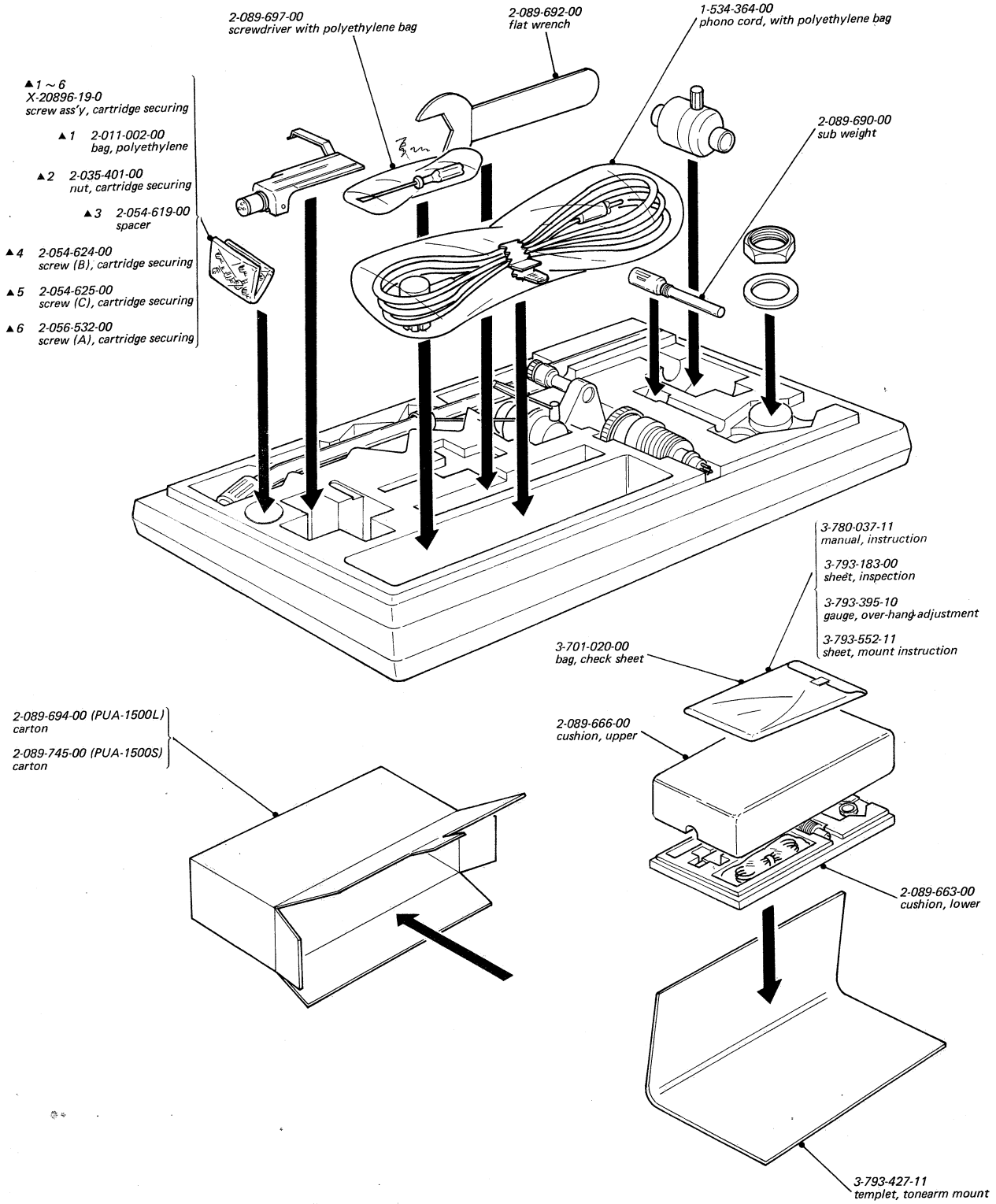
SONY®

SERVICE MANUAL

REPACKING

The original shipping carton and packing materials are the ideal containers for shipping the unit. However to secure the maximum protection, the unit must be repacked in these materials precisely as before. The proper repacking procedures are as shown below.

Note: PUA-1500L and PUA-1500S packing materials are identical except the carton.



Note: ▲1 ~ 6 screw ass'y, cartridge securing (X-20896-19-0) includes all the parts marked ▲ .

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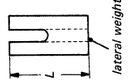
EXPLODED VIEW

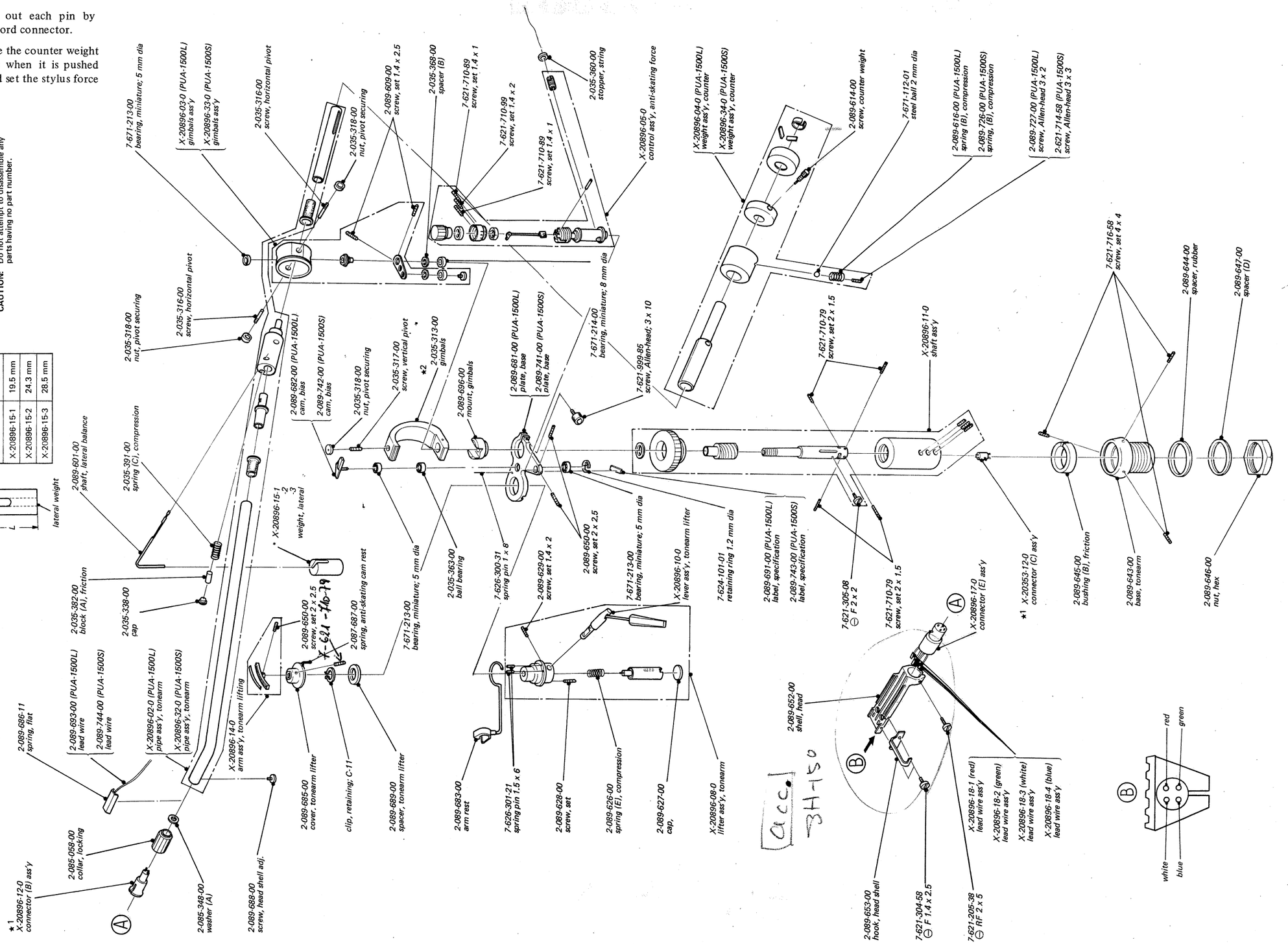
Note: ★1 When soldering leads, push out each pin by inserting head shell or phono cord connector.

★2 When installing gimbals, ensure the counter weight do not contact with gimbals when it is pushed forward as far as it will go and set the stylus force gauge to 3 g.

CAUTION: Do not attempt to disassemble any parts having no part number.

* LATERAL WEIGHT	
Part No.	L
X-20896-15-1	19.5 mm
X-20896-15-2	24.3 mm
X-20896-15-3	28.5 mm




7-671-213-00 bearing, miniature; 5 mm dia
X-20896-03-0 (PUA-1500L) gimbals ass'y
X-20896-33-0 (PUA-1500S) gimbals ass'y
2-035-316-00 screw, horizontal pivot
2-035-318-00 nut, pivot securing
2-089-609-00 screw, set 1.4 x 2.5
2-035-368-00 spacer (B)
7-621-710-89 screw, set 1.4 x 1
7-621-710-99 screw, set 1.4 x 2
7-621-710-89 screw, set 1.4 x 1
2-035-360-00 stopper, string
X-20896-05-0 control ass'y, anti-skating force
X-20896-04-0 (PUA-1500L) weight ass'y, counter
X-20896-34-0 (PUA-1500S) weight ass'y, counter
2-089-614-00 screw, counter weight
7-671-112-01 steel ball 2 mm dia
2-089-616-00 (PUA-1500L) spring (B), compression
2-089-726-00 (PUA-1500S) spring, (B), compression
2-089-727-00 (PUA-1500L) screw, Allen-head 3 x 2
2-621-714-58 (PUA-1500S) screw, Allen-head 3 x 3
2-035-316-00 screw, horizontal pivot
2-035-318-00 nut, pivot securing
2-089-682-00 (PUA-1500L) cam, bias
2-089-742-00 (PUA-1500S) cam, bias
2-035-318-00 nut, pivot securing
2-035-317-00 screw, vertical pivot
★2
2-035-313-00 gimbals
2-089-696-00 mount, gimbals
2-089-681-00 (PUA-1500L) plate, base
2-089-741-00 (PUA-1500S) plate, base
7-671-214-00 bearing, miniature; 8 mm dia
7-621-999-85 screw, Allen-head; 3 x 10
7-621-710-79 screw, set 2 x 1.5
X-20896-11-0 shaft ass'y
7-621-716-58 screw, set 4 x 4
2-089-644-00 spacer, rubber
2-089-647-00 spacer (D)
2-089-601-00 shaft, lateral balance
2-035-391-00 spring (C), compression
X-20896-15-1 -2 -3 weight, lateral
2-035-382-00 block (A), friction
2-035-338-00 cap
2-089-650-00 screw, set 2 x 2.5
7-671-213-00 bearing, miniature; 5 mm dia
2-035-363-00 ball bearing
7-626-300-31 spring pin 1 x 6
2-089-629-00 screw, set 1.4 x 2
2-089-650-00 screw, set 2 x 2.5
7-671-213-00 bearing, miniature; 5 mm dia
X-20896-10-0 lever ass'y, tonearm lifter
7-624-101-01 retaining ring 1.2 mm dia
2-089-691-00 (PUA-1500L) label, specification
2-089-743-00 (PUA-1500S) label, specification
7-621-305-08 F 2 x 2
7-621-710-79 screw, set 2 x 1.5
X-20896-17-0 connector (E) ass'y
★1 X-20353-12-0 connector (C) ass'y
2-089-645-00 bushing (B), friction
2-089-643-00 base, tonearm
2-089-646-00 nut, hex
2-089-686-11 spring, flat
2-089-693-00 (PUA-1500L) lead wire
2-089-744-00 (PUA-1500S) lead wire
X-20896-02-0 (PUA-1500L) pipe ass'y, tonearm
X-20896-32-0 (PUA-1500S) pipe ass'y, tonearm
X-20896-14-0 arm ass'y, tonearm lifting
2-089-650-00 screw, set 2 x 2.5
2-087-687-00 spring, anti-skating cam rest
2-089-685-00 cover, tonearm lifter
clip, retaining; C-11
2-089-689-00 spacer, tonearm lifter
2-085-058-00 collar, locking
2-085-348-00 washer (A)
2-089-688-00 screw, head shell adj.
★1 X-20896-12-0 connector (B) ass'y
2-089-683-00 arm rest
7-626-301-21 spring pin 1.5 x 6
2-089-628-00 screw, set
2-089-626-00 spring (E), compression
2-089-627-00 cap,
X-20896-08-0 lifter ass'y, tonearm
2-089-652-00 shell, head
2-089-653-00 hook, head shell
7-621-304-58 F 1.4 x 2.5
7-621-205-38 RF 2 x 5
X-20896-18-1 (red) lead wire ass'y
X-20896-18-2 (green) lead wire ass'y
X-20896-18-3 (white) lead wire ass'y
X-20896-18-4 (blue) lead wire ass'y
red
green
white
blue
Acc.
3H-150